Have a try at some of these...

- Create 0 – 10 counting book for a younger child.
- Create tables and use tallies to keep track.
- Collect statistics on your family – age, height, shoe size, birthdate – create a table and graph to show the results.
- Create a table of examples of real life linear and non-linear relationships e.g. linear = cost of babysitting by the hour; non-linear = social media post going viral.
- Make an object city! Use cubes and rectangular prisms for buildings – maybe even pyramids.
- Calculate how long it would take you to save for a $5000 car with different interest rates. Calculate the difference if you paid the loan off early.
- Create real life linear and non-linear relationships e.g. linear = cost of babysitting by the hour; non-linear = social media post going viral.
- Create an exponential growth tree showing how a social media post can quickly go viral!
- Check out the tiling on the walls and floor of your home. Can you replicate it? Can you create a more intricate version?
- Design an alphabet chart. Use post-it-notes or small pieces of paper for each letter. Draw a picture that matches the letter.
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Conduct an audit of exactly how many pairs of shoes there are in your home! Create a table and use tallies to keep track.

Write 5 really hard algorithms for a family member to solve.

Compare your mobile phone plan to another provider. Are you getting the best deal?

GST in Australian is 10%. Calculate how prices would change if it was 11% or 12%?

Calculate the mean, median and mode of the height of each family member.

Practise pacing with a stride of 1 metre. Use it to ‘measure’ the length of your yard, room or driveway.

Assign values to each letter of the alphabet. Create a message or code using these new values.

Create and solve some ‘silly’ maths problems. What is one-third of one-third of one-third?; What is ten times ten times ten times ten?

Investigate the probability of a prize draw if 20 people are in the draw and 5 prizes are drawn. Compare with and without replacement.

Write a card to someone you care about to brighten their day.

Divide a piece of paper into four quadrants. In each quadrant write a season and draw what you would typically wear in that season.

Find a media report that uses data, tables or graphs. Identify the perspective, possible bias and any errors in data displays. If you know the sampling, analyse its appropriateness.

Create a times tables poster with tables from 1x to 10x.

Use your knowledge of base 10 number systems to create a new numbers system.

Calculate how long it would take you to save for a $5000 car with different interest rates. Calculate the difference if you paid the loan off early.

Know another language? Someone in your family may be able to help. Create a poster with English on one side and foreign language on the other.

Use some isometric grid paper or create your own. Draw all the three-dimensional objects you can.

Choose three of your favourite toys and write a sentence about each one.

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Queensland Government